

AMENDMENTS TO THE SPECIFICATION:

Please replace the two paragraphs beginning at line 19 on page 7 with the following amended paragraphs:

Figure 6 is a drawing illustrating showing the construction for comparing an RF CDMA signal with a baseband CDMA signal; and

Figure 7 is a drawing illustrating a transmission power adjusting apparatus of a CDMA system in accordance with a second embodiment of the present invention; and

Please add the following new paragraph after line 23 on page 7:

Figure 8 is a drawing illustrating variation of a digital CDMA signal in a frequency domain.

Please replace the paragraph beginning at line 2 on page 9 with the following amended paragraph:

The FIR filter 64 filters the IF digital CDMA signal outputted from the FIFO 63 and ~~designate~~ designates a frequency domain of the IF digital CDMA signal to be processed by the FFT unit 65. Here, the FIR 64 is a band-pass filter.

Please replace the paragraph beginning at line 12 on page 10 with the following amended paragraph:

The average power detecting unit 300 ~~measure~~ measures an average power for a ~~baseband~~ baseband digital CDMA signal. That is, square units 71 and 72 respectively square the channel 'I' and the channel 'Q' outputted from the FIR filters 31 and 32. An adder 73 adds the output signals of the square units 71 and 72 to generate one digital CDMA signal.

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Please replace the paragraph beginning at line 17 on page 10 with the following amended paragraph:

As the digital CDMA signal is generated, an FIR 74 removes a high frequency component from the generated digital CDMA signal and outputs it to an FFT unit 75. Then, the FFT unit 75 Fourier-converts the output signal of the FIR 74 and computes an average power (Pavg2) of the digital CDMA signal in a frequency domain as shown in Figure 8, in the same manner as equation (1).